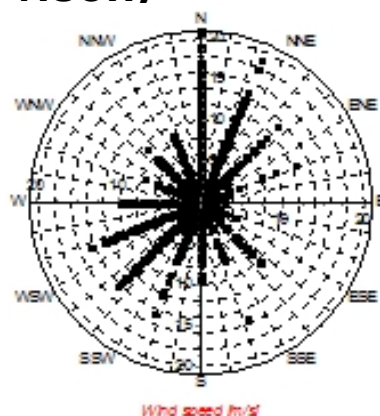


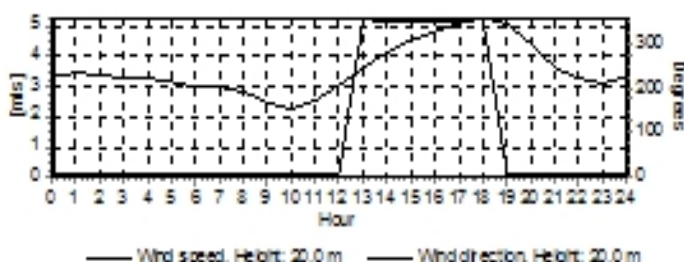
Hurricane (Washington County Prison)

1. Rose Graph

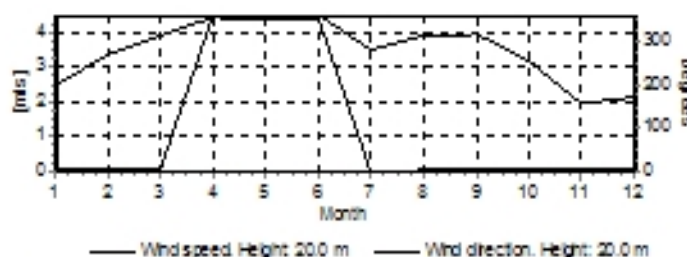
This graph illustrates the relative frequencies for which the wind blows at certain speeds in certain directions. The prevailing winds seem to blow from the north at the Washington County site.



2. Diurnal Graph



This graph shows the average wind speed measured at each time of day in m/s, where Hour 0 corresponds to midnight. Note the increased wind speed in the late afternoon.



Similarly, this graph shows the average wind speed for each month of data collected by the anemometer (beginning in January). Early summer shows wind speeds that are double those of winter.

3. Windpro Data

Monthly Mean Value of Wind Speed								
Month	2001		2002		Mean		Mean of month	
	M/s	Mph	M/s	Mph	M/s	Mph	M/s	Mph
Jan			2.5	5.59	2.5	5.59	2.5	5.59
Feb			3.4	7.61	3.4	7.61	3.4	7.61
Mar			3.9	8.72	3.9	8.72	3.9	8.72
Apr			4.4	9.84	4.4	9.84	4.4	9.84
May			4.3	9.62	4.3	9.62	4.3	9.62
Jun			4.5	10.07	4.5	10.07	4.5	10.07
Jul	2.6	5.82	4.2	9.40	3.5	7.83	3.4	7.61
Aug	3.1	6.93	4.2	9.40	3.9	8.72	3.7	8.28
Sep			4	8.95	4.0	8.95	4	8.95
Oct			3.1	6.93	3.1	6.93	3.1	6.93
Nov	1.7	3.80	2	4.47	1.9	4.25	1.8	4.03
Dec	2.1	4.70			2.1	4.70	2.1	4.70
Mean, all data	2.5	5.59	3.8	8.50	3.6	8.05		
Mean of months	2.4	5.37	3.7	8.28			3.4	7.61